

**REMARKS UNDER 37 CFR § 1.111**

**Formal Matters**

Claims 28-55 are pending after entry of the amendments set forth herein.

New claims 52-55 are added. Support for these claims is found in the specification at, for example, Table 1 (specification page 82 and page 107).

No new matter is added.

**Interview Summary**

Applicants wish to extend their gratitude to the Examiner for the telephonic interview on January 15, 2004. The restriction requirement and the communication regarding applicants' election were discussed. As noted in the Communication, the Examiner clarified that applicants' were to elect one haplogroup, which can be accompanied by as many as ten (10) different nucleotide sequences (e.g., markers, primers, or both). The Examiner further clarified that once claims directed to the elected subject matter of the preliminary election are found allowable, additional haplogroups and sequences will be rejoined to the originally elected subject matter at allowance.

**Response to Restriction Requirement**

Applicants elect with traverse Haplogroup II and markers M249, M247, and M150, along with primer pairs disclosed in the specification for amplification of each of these markers.

Traverse is based on the arguments presented in the prior response.

**Conclusion**

Applicant submits that all of the claims are in condition for allowance, which action is requested. If the Examiner finds that a telephone conference would expedite the prosecution of this application, please telephone the undersigned at the number provided.

The Commissioner is hereby authorized to charge any underpayment of fees associated with this communication, including any necessary fees for extensions of time, or credit any overpayment to Deposit Account No. 50-0815, order number STAN-212.

Respectfully submitted,  
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Date: Jan 22, 2004

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